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Cousins

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(54) **APPARATUS AND PROCESS FOR SENDING
A WIRELESS DIRECTIONAL SIGNAL
CONTAINING PERSONAL INFORMATION**

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(57) **ABSTRACT**

The invention relates to an apparatus and a method for wirelessly transmitting a packet of information from one user to another user. The apparatus relates to a transponder device that contains a controller, and a memory unit, that contains a program for controlling the controller. The transponder also contains a transceiver connected to both the controller and to a directional antenna wherein the transceiver is for receiving and transmitting wireless signals from one transponder to another. There is also a button for initiating a wireless transmission, a display for displaying a received transmission and an indicator for indicating a user when he or she has received a transmission. Essentially this device is designed to transmit and receive email addresses from one user to another in a defined area. The user transmitting the email address uses the directional antenna to direct the email address at another person who is also holding a transponder. The user then presses the button and sends this wireless transmission to the other user whereby this user receives an indication from an indicator that the transmission has been received. Next the user that received this message can look at the display to see the email address that was most recently transmitted.

20 Claims, 6 Drawing Sheets

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(52) **U.S. Cl.** **455/418; 455/412.2; 455/414.1;**
455/403; 340/5.2; 340/5.8; 235/375

(58) **Field of Search** **455/418, 422.1,**
455/414.1, 517, 403, 412.1, 567, 556.1,
550.1; 340/5.2–5.8; 235/375

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